

Based on PTO/SB/08 a & b (05-03)
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TRADEN	Substitute for form	n 1449A/P	то	Application Number	10/079,061
				Filing Date	2/20/02
	ORMATION I			First Named Inventor	Steven Teig
51/	ALEMENT	APPL	ICANT	Group Art Unit	2825
	(use as many sheet	s as neces	ssary)	Examiner Name	
Sheet	1	of	4	Attorney Docket Number	SPLX.P0126

	RELATED U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.1	U.S. Patent Document Number	Date of filing MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data			
70	1.	2002/0133798	12-06-2000	Steven Teig et al.	Present application is a CIP of 2002/0133798.			
TO	2.	2002/0100007	12-06-2000	Steven Teig et al.	Present application is a CIP of 2002/0100007.			
TO	3.	2002/0073390 S/N 09/737,210	12-13-2000	Steven Teig et al.	Continuation of parent 2002/0133798			
77	4.	Preliminary Amendment S/N 09/737,210	12-13-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0073390 does not accurately reflect the claims of S/N 09/737,210.			
10	5.	S/N 09/737,220	12-13-2000	Steven Teig et al.	Continuation of parent 2002/0133798			
70	6.	S/N 09/737,245	12-13-2000	Steven Teig et al.	Continuation of parent 2002/0133798			
10	7.	S/N 09/739,460	12-15-2000	Steven Teig et al.	Continuation of parent 2002/0100007.			
70	8.	2002/0124231 S/N 09/739,580	12-15-2000	Steven Teig et al.	Continuation of parent 2002/0100007.			
TD	9.	Preliminary Amendment S/N 09/739,580	12-15-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0124231 does not accurately reflect the claims of S/N 09/739,580.			
TO	10.	S/N 09/739,589	12-15-2000	Steven Teig et al.	Continuation of parent 2002/0100007.			
0.0	11.	S/N 09/742,171	12-19-2000	Steven Teig et al.	Continuation of parent 2002/0100007.			
70	12.	2003/0121015 S/N 09/745,067	12-19-2000	Steven Teig et al.	Continuation of parent 2002/0100007.			
TO	13.	Preliminary Amendment S/N 09/745,067	12-19-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0121015 does not accurately reflect the claims of S/N 09/745,067.			
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This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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No.	Substitute for for	m 1449A/P	то	Application Number	10/079,061	
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	ORMATION TEMENT B			First Named Inventor	Steven Teig	
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Sheet	2	of	4	Attorney Docket Number	SPLX.P0126	

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71/	16.	2003/0088841 S/N 10/329,241	. 12-23-2002	Steven Teig et al.	CIP of 2002/0133798			
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501	22.	2003/0064559	01-04-2002	Steven Teig et al.	Application regarding related routing technology			
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70	24.	2003/0101428 S/N 10/040,915	01-05-2002	Steven Teig et al.	Application regarding related routing technology			
TO	25.	Preliminary Amendment S/N 10/040,915	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0101428 does not accurately reflect the claims of S/N 10/040,915.			
40	26.	2002/0166105 S/N 10/040,948	01-05-2002	Steven Teig et al.	Application regarding related routing technology			
70	27.	Preliminary Amendment S/N 10/040,948	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0166105 does not accurately reflect the claims of S/N 10/040,948.			
TO	28.	2003/0043827 S/N 10/040,953	01-05-2002	Steven Teig et al.	Application regarding related routing technology			
70	29.	Preliminary Amendment	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0043827 does not			

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	(use as many sheet	s as nece	ssary)	Examiner Name	
Sheet	3	of	4	Attorney Docket Number	SPLX.P0126

			RELATED U.	S. PATENT DOCU	MENTS
TD		S/N 10/040,953			accurately reflect the claims of S/N 10/040,953.
70	30.	2003/0023943 S/N 10/040,954	01-05-2002	Steven Teig et al.	Application regarding related routing technology
TD	31.	Preliminary Amendment S/N 10/040,954	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0023943 does not accurately reflect the claims of S/N 10/040,954.
70	32.	2003/0066042 S/N 10/040,963	01-05-2002	Steven Teig et al.	Application regarding related routing technology
TD	33.	Preliminary Amendment S/N 10/040,963	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0066042 does not accurately reflect the claims of S/N 10/040,963.
TO	34.	2002/0174412 S/N 10/041,942	01-07-2002	Steven Teig et al.	Application regarding related routing technology
TD	35.	Preliminary Amendment S/N 10/041,942	01-07-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0174412 does not accurately reflect the claims of S/N 10/041,942.
TD	36.	2003/0088844 S/N 10/041,957	01-07-2002	Steven Teig et al.	Application regarding related routing technology
TD	37.	Preliminary Amendment S/N 10/041,957	01-07-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088844 does not accurately reflect the claims of S/N 10/041,957.
TD	38.	2002/0199165 S/N 10/046,864	01-13-2002	Steven Teig et al.	Application regarding related routing technology
TD	39.	Preliminary Amendment S/N 10/046,864	01-13-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0199165 does not accurately reflect the claims of S/N 10/046,864.
70	40.	2003/0066043	01-13-2002	Steven Teig et al.	Application regarding related routing technology

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10/079,061 Application Number Substitute for form 1449A/PTO **Filing Date** 2/20/02 INFORMATION DISCLOSURE First Named Inventor Steven Teig STATEMENT BY APPLICANT Group Art Unit 2825 (use as many sheets as necessary) Examiner Name SPLX.P0126 4 Attorney Docket Number of 4

	RELATED U.S. PATENT DOCUMENTS								
T1)	41.	2003/0115566	01-13-2002	Steven Teig	Application regarding related routing technology				
TD	42.	2003/0056187 S/N 10/047,982	01-14-2002	Steven Teig et al.	Application regarding related routing technology				
77	43.	Preliminary Amendment S/N 10/047,982	01-14-2002	Steven Teig et al.	This Preliminary Amendment is submitted a the publication 2003/0056187 does not accurately reflect the claims of S/N 10/047,982.				
TD	44.	2003/0066044	01-13-2002	Steven Teig et al.	Application regarding related routing technology				
- (1)	45.	2003/0066045	01-13-2002	Steven Teig et al.	Application regarding related routing technology				
TD	46.	2003/0088845 S/N 10/047,978	01-13-2002	Steven Teig et al.	Application regarding related routing technology				
TD	47.	Preliminary Amendment S/N 10/047,978	01-13-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088845 does not accurately reflect the claims of S/N 10/047,978.				

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Please type a plus sign (+) inside this box 10/079,061 **Application Number** Substitute for form 1449A/PTO **Filing Date** 2/20/02 INFORMATION DISCLOSURE First Nam d Inventor Steven Teig STATEMENT BY APPLICANT 2825 **Group Art Unit** (use as many sheets as necessary)

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		U.S.	. PAI	TENTS RELATED TO THE PRESEN	IT APPLICATION	S
				Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Relation to Present Application
	1.	6,516,455	B1	Teig, et al.	02-04-03	CIP of parent application
				U.S. PATENT DOCUMENT	S	
Examiner* Initials	Cite No.1	U.S. Patent Docum Number Kind ((if kr		Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TD	2.	2001/ 0003843	A1	Scepanovic et al.	06-14-01	
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QT	18.	5,914,887		Scepanovic et al.	06-22-99	
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TD	20.	6,035,108		Kikuchi	03-07-00	
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Sheet 2 of 23

Application Number	10/079,061
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First Named Inventor	Steven Teig
Group Art Unit	2825
Examiner Name	
Attorney Docket Number	SPLX.P0126

		U	S. PA	TENTS RELATED TO THE P	RESENT APPLICATIONS	
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70	33.	6,289,495	B1	Raspopovic et al.	09-11-01	2800
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TD	41.	JP	64-15947		Ouchi	01-19-89				

		NON PATENT LITERATURE DOCUMENTS	
Examiner*	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal,	₽
Initials	No.'	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	

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Ī	40	46.	K. Powers et al., The 60° Grid: Routing Channels in Width d/square root 3, VLSI, 1991, Proceedings., First Great Lakes Symposium on Kalamazoo, MI, USA, pp 214-291, March 1991.					
	70	47.	M. Alexander et al., Performance-Oriented Placement and Routing for field-programmable gate arrays, Proceedings of the European Design Automation Conference, pages 80-85, 1995.					
·	TD	48.	M. Alexander et al., Placement and Routing for Performance-Oriented FPGA Layout, VLSI Design, Vol. 7, No. 1, 1998.					
	70	49.	M. Igarashi et al., A Diagonal-Interconnect Architecture and Its Application to RISC Core Design, 2002 IEEE Solid- State Circuits Conference, pp 210-460, February 2002.					
ľ	70	50.	P. Dood, et al. A Two-Dimensional Topological Compactor with Octagonal Geometry, 28th ACM/IEEE Design Automation Conference, pp 727-731, July 1991.					
ľ	40	51.	P. Parikh, et al., Congestion Driven Quadratic Placement, Proceedings of Design Automation Conference, 1998, pp 275-278.					
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	10	53.	S. Dutt, et al., Probability-Based Approaches to VLSI Circuit Partitioning, IEEE Trans. on Computer-Aided Design of IC's and Systems, Vol. 19, No. 5, May 2000, pp 534-549.					
ľ	()	54.	Y. Sekiyama et al., Timing-Oriented Routers for PCB Layout Design of High-Performance Computers International Conference on Computer Aided Design, pp 332-335, November 1991.					
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Please type a plus sign (+) inside this box → information unless it contains a valid OMB control number Applicati n Numb r 10/079,061 Substitute for form 1449A/PTO **Filing Dat** 2/20/02 NFORMATION DISCLOSURE First Named Inv ntor Steven Teig STATEMENT BY APPLICANT 2825 **Group Art Unit** (use as many sheets as necessary) **Examiner Name** 7 Attorney Docket Number SPLX.P0126 Sheet 1 of

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